



10/25/2006 FORM 10-1449 INFORMATION DISCLOSURE STATEMENT 				ATTY. DOCKET NO. 16518.131		APPLICATION NO. 10/635,822	
				APPLICANTS Katayoon DEHESH			
				FILING DATE August 7, 2003		GROUP To Be Assigned	

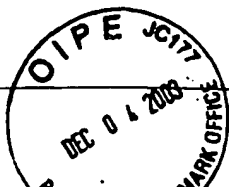
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
EM	AAI	5,585,535	12/17/96	Fehr <i>et al.</i>			
	ABI						
	ACI						
	ADI						
	AEI						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
EM	AFI	92/03564 ✓	03/1992	PCT			x Yes No
	AGI	92/20236 ✓	11/1992	PCT			x Yes No
	AHI	93/10240 ✓	05/1993	PCT			x Yes No
	AII	94/10189 ✓	05/1994	PCT			x Yes No
	AJI	94/10288 ✓	05/1994	PCT			x Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
EM	AK	1	Clough <i>et al.</i> , "Purification and Characterization of 3-Ketoacyl-Acyl Carrier Protein Synthase III from Spinach", <i>The Journal of Biological Chemistry</i> , 267(29):20992-20998 (1992) ✓
	AL	1	Dehesh <i>et al.</i> , Database EMBL, Accession No. AX073486 (XP002213168) (2001) ✓
	AM	1	Dehesh <i>et al.</i> , "GT-2: A Transcription Factor with Twin Autonomous DNA-Binding Domains of Closely Related but Different Target Sequence Specificity", <i>The EMBO Journal</i> , 11(11):4131-4144 (1992) ✓
	AN	1	Dehesh, "KAS IV: 3-Ketoacyl-ACP Synthase from <i>Cuphea sp.</i> is a Medium Chain Specific Condensing Enzyme", <i>The Plant Journal</i> , 15(3):383-390 (1998) ✓
	AO	1	Dehesh <i>et al.</i> , "Production of High Levels of 8:0 and 10:0 Fatty Acids in Transgenic Canola by Overexpression of CH FatB2, a Thioesterase cDNA from <i>Cuphea hookeriana</i> ", <i>The Plant Journal</i> , 9(2):167-172 (1996) ✓
	AP	1	Dehesh <i>et al.</i> , "Two Novel Thioesterases are Key Determinants of the Bimodal Distribution of Acyl Chain Length of <i>Cuphea palustris</i> Seed Oil", <i>Plant Physiol.</i> , 110:203-210 (1996)

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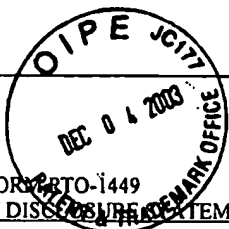
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↓	AG2	95/15387 ✓	06/1995	PCT			x Yes No
↓	AH2	96/23892 ✓	08/1996	PCT			x Yes No
↓	AI2	98/46766 ✓	10/1998	PCT			x Yes No
↓	AJ2	0 969 014 ✓	01/2000	EPO			x Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

EM	AK	2	Eccleston <i>et al.</i> , "Expression of Lauroyl-Acyl Carrier Protein Thioesterase in <i>Brassica napus</i> Seeds Induces Pathways for Both Fatty Acid Oxidation and Biosynthesis and Implies a Set Point for Triacylglycerol Accumulation", <i>The Plant Cell</i> , 10:613-621 (1998) ✓
↓	AL	2	Fuhrmann <i>et al.</i> , "Factors Controlling Medium-Chain Fatty Acid Synthesis in Plastids from Maturing <i>Cuphea</i> Embryos", <i>Z. Naturforsch</i> , 48c:616-622 (1993) ✓
↓	AM	2	Harwood, "Fatty Acid Metabolism", <i>Ann. Rev. Plant Physiol. Plant Mol. Biol.</i> , 39:101-138 (1988) ✓
↓	AN	2	Hawkins <i>et al.</i> , "Characterization of acyl-ACP Thioesterases of Mangosteen (<i>Garcinia mangostana</i>) Seed and High Levels of Stearate Production in Transgenic Canola", <i>The Plant Journal</i> , 13(6):743-752 (1998) ✓
↓	AO	2	International Search Report, PCT/US01/23369 dated September 25, 2002 (4 pages)
↓	AP	2	Jaworski <i>et al.</i> , "A Cerulenin Insensitive Short Chain 3-Ketoacyl-Acyl Carrier Protein Synthase in <i>Spinacia oleracea</i> Leaves", <i>Plant Physiology</i> , 90:41-44 (1989) ✓

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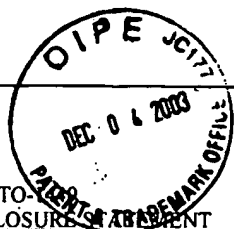
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EM	AF3	00/07433 ✓	02/2000	PCT		x Yes No
EM	AG3	00/75343 ✓	12/2000	PCT		x Yes No
EM	AH3	01/29238 ✓	04/2001	PCT		x (abstract only) Yes No
	AI3					Yes No
	AJ3					Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

EM	AK	3	Kaneko <i>et al.</i> , Database EMBL, Accession No. D90905 (XP002213167) (1996). ✓
	AL	3	Kaneko <i>et al.</i> , "Sequence Analysis of the Genome of the Unicellular Cyanobacterium <i>Synechocystis</i> sp. Strain PCC6803 II. Sequence Determination of the Entire Genome and Assignment of Potential Protein-coding Regions", <i>DNA Research</i> , 3:109-136 (1996) ✓
	AM	3	Kauppinen, "Structure and Expression of the <i>Kas12</i> Gene Encoding a β -Ketoacyl-Acyl Carrier Protein Synthase Isozyme from Barley", <i>The Journal of Biological Chemistry</i> , 267(33):23999-24006 (1992) ✓
	AN	3	Leonard <i>et al.</i> , "A Cuphea β -Ketoacyl-ACP Synthase Shifts the Synthesis of Fatty Acids towards Shorter Chains in <i>Arabidopsis</i> Seeds Expressing Cuphea FatB Thioesterases", <i>The Plant Journal</i> 13(5):621-628 (1998) ✓
	AO	3	Martini, "Modification of Fatty Acid Composition in the Storage Oil of Transgenic Rapeseed", <i>Biological Chemistry Hoppe-Seyler</i> , vol. 376, pp. S55 (1995) ✓
		3	Ohlrogge, "Design of New Plant Products: Engineering of Fatty Acid Metabolism", <i>Plant Physiol.</i> , 104:821-826 (1994) ✓

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	AI4						Yes No
	AJ4						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

EM	AK	4	Post-Beittenmiller <i>et al.</i> , "In vivo Pools of Free and Acylated Acyl Carrier Proteins in Spinach", <i>The Journal of Biological Chemistry</i> , 266(3):1858-1865 (1991) ✓
	AL	4	Radke <i>et al.</i> , "Transformation of <i>Brassica napus</i> L. Using <i>Agrobacterium Tumefaciens</i> : Developmentally Regulated Expression of a Reintroduced Napin Gene", <i>Theor. Appl. Genet.</i> 75:685-694 (1988)
	AM	4	Schuch <i>et al.</i> , "Medium-chain acyl-ACP Thioesterase is not the Exclusive Enzyme Responsible for Early Chain-Length Termination in Medium-Chain Fatty Acid Synthesis", <i>Grasas y Aceites</i> , vol. 44, Fasc 2, pp. 126-128 (1993) ✓
	AN	4	Shimakata <i>et al.</i> , "Isolation and Function of Spinach Leaf β -Ketoacyl-(Acyl-Carrier-Protein) Synthases", <i>Proceedings of National Academy of Science, USA</i> , 79:5808-5812 (1982) ✓
	AO	4	Siggard-Andersen <i>et al.</i> , "The <i>fabJ</i> -Encoded β -Ketoacyl-(Acyl Carrier Protein) Synthase IV from <i>Escherichia coli</i> is Sensitive to Cerulenin and Specific for Short-Chain Substrates", <i>Proc. Natl. Acad. Sci., USA</i> , 91:11027-11031 (1994) ✓
↓	AP		Slabaugh <i>et al.</i> , "Condensing Enzymes from <i>Cuphea wrightii</i> Associated with Medium Chain Fatty Acid Biosynthesis", <i>The Plant Journal</i> , 13(5):611-620 (1998) ✓

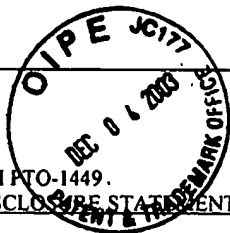
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	AI5						Yes No
	AJ5						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

EM	AK	5	Slabaugh <i>et al.</i> , GenEMBL Sequence Accession No. U67317 (1996)
	AL	5	Slabaugh <i>et al.</i> , "cDNA Clones Encoding β -Ketoacyl-Acyl Carrier Protein Synthase III from <i>Cuphea wrightii</i> ", <i>Plant Physiology</i> , 108:443-444 (1995) ✓
	AM	5	Tai <i>et al.</i> , "3-Ketoacyl-Acyl Carrier Protein Synthase III from Spinach (<i>Spinacia oleracea</i>) is not Similar to Other Condensing Enzymes of Fatty Acid Synthase", <i>Plant Physiology</i> , 103:1361-1367 (1993) ✓
	AN	5	Töpfer <i>et al.</i> , "Modification of Plant Lipid Synthesis", <i>Science</i> , 268:681-685 (1995) ✓
	AO	5	Tsay <i>et al.</i> , "Isolation and Characterization of the β -Ketoacyl-Acyl Carrier Protein Synthase III Gene (<i>fabH</i>) from <i>Escherichia coli</i> K12", 267(10):6807-6814 (1992) ✓
↓	AP	5	Voelker <i>et al.</i> , "Genetic Engineering of a Quantitative Trait: Metabolic and Genetic Parameters Influencing the Accumulation of Laurate in Rapeseed", <i>The Plant Journal</i> , 9(2):229-241 (1996)

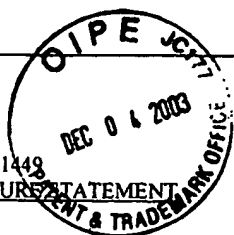
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	AJ6						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

EM	AK	6	Voelker <i>et al.</i> , "Plant Acyl-ACP Thioesterases: Chain-Length Determining Enzymes in Plant Fatty Acid Biosynthesis", <i>Genetic Engineering</i> , 18:111-133 (1996) ✓
EM	AL	6	Voelker <i>et al.</i> , "Fatty Acid Biosynthesis Redirected to Medium-Chains in Transgenic Oilseed Plants", <i>Science</i> , 257:72-74 (1992) ✓
EM	AM	6	Walsh <i>et al.</i> , "The Short Chain Condensing Enzyme has a Widespread Occurrence in the Fatty Acid Synthetases from Higher Plants", <i>Phytochemistry</i> , 29(12):3797-3799 (1990) ✓
EM	AN	6	Winter <i>et al.</i> , "Decarboxylation of Malonyl-(Acyl Carrier Protein) by 3-Oxoacyl-(Acyl Carrier Protein) Synthases in Plant Fatty Acid Biosynthesis", <i>Biochem. J.</i> , 321:313-318 (1997) ✓
	AO	6	
	AP	6	

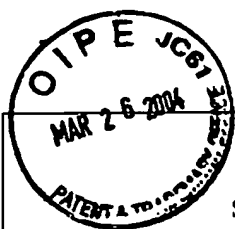
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**SUPPLEMENTAL
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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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	AG1						Yes No
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	AI1						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

EM	AK	1	McKeon <i>et al.</i> , "Purification and Characterization of the Stearoyl-Acyl Carrier Protein Desaturase and the Acyl-Acyl Carrier Protein Thioesterase from Maturing Seeds of Safflower", <i>The Journal of Biological Chemistry</i> , 257(20):12141-12147 (1982)
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	AM	1	
	AN	1	
	AO	1	
	AP	1	

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